

ABSTRACT OF THE DISCLOSURE

This invention relates to the functional features of lighting devices, particularly, the structure of refractors of an LED decoration lighting set. It is composed of a decorative part made of transparent materials and an illuminant. The illuminant is activated by an external power supply and is incorporated into the decorative part. Bubbles are found uniformly and densely in the decorative part in a region which intersects the light emitted from the illuminant. The bubbles enable the decorative part to become a combination of a spherical concave and convex lens. When the light emitted from the light - emitting part is transmitted to the decorative part, a large amount of non-sequential diversion, conversion, refraction and reflection will take place to significantly change the original transmission path of the light beam. This solves the problem of the small viewing angle of a traditional LED decoration lighting set.

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